



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/EP99/02722 <b>(22) International Filing Date:</b> 22 April 1999 (22.04.99)  <b>(30) Priority Data:</b> 98401007.4                      24 April 1998 (24.04.98)                      EP 98402254.1                      11 September 1998 (11.09.98)                      EP  <b>(71) Applicant (for all designated States except US):</b> HOECHST MARION ROUSSEL [FR/FR]; 1, terrasse Bellini, F-92800 Puteaux (FR).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> DIU-HERCEND, Anita [FR/FR]; 39, rue Gabrielle, F-94220 Charenton le Pont (FR). ENTIAN, Karl-Dieter [DE/DE]; Oberurseler Strasse 43, D-61440 Oberursel (DE). KOETTER, Peter [DE/DE]; Industriestrasse 3A, D-61440 Oberursel (DE).  <b>(74) Agents:</b> POCHART, François et al.; Cabinet Hirsch-Desrousseaux-Pochart, 34, rue de Bassano, F-75008 Paris (FR).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished          upon receipt of that report.</i>
<b>(54) Title:</b> METHOD FOR SCREENING ANTIMYCOTIC SUBSTANCES USING ESSENTIAL GENES FROM S. CEREVISIAE  <b>(57) Abstract</b> <p>The present invention concerns a method for the screening of antimycotic substances wherein an essential gene from mycetes or a functionally similar mycete gene, or the corresponding encoded protein, is used as target and wherein the essential gene is selected from the group consisting in YML114c, YLR186w, YLR215c, YLR222c, YLR243w, YLR272c, YLR275w, YLR276c, YLR317w, YLR359w, YLR373c, YLR424w, YLR437c, YLR440c, YML023c, YML049c, YML077w, YML093w, YML127w, YMR032w, YMR093w, YMR131c, YMR185w, YMR212c, YMR213w, YMR218c, YMR281w, YMR288w, YMR290c, YMR211w, YMR049c, YMR134w, YDR196c, YDR299w, YDR365c, YDR396w, YDR407c, YDR416w, YDR449c, YDR472w, YDR499w, YDR141c, YDR324c, YDR325w, YDR398w, YDR246w, YDR236c, YDR361c, YDR367w, YDR339c, YDR413c, YDR429c, YDR468c, YDR489w, YDR527w, YDR288w, YDR201w, YDR434w, YDR181c, YDR531w, YPL126w, YPL093w, YPL063w, YPL024w, YPL020c, YPL012w, YPL007c, YPL233w, YPL146c, YIL091c, YIL083c, YIL019w, YIL109c, YIL104c, YFL024c, YFR003c, YFR027w, YFR042w, YIR010w, YIR015w, YPR048w, YPR072w, YPR082c, YPR085c, YPR105c, YPR112c, YPR137w, YPR143w, YPR144c and YPR169w.</p>		